

CD19

Mouse Anti-Human CD19 (Clone LT19) mAb, Biotin

Catalog No.	MON1200B	Quantity:	100 µg
Alternate Names:	B-lymphocyte antigen CD19, B-lymphocyte surface antigen B4, Differentiation antigen CD19, T-cell surface antigen Leu-12		
Description:	MON 1200B reacts with CD19 (B4), a 95 kDa type I transmembrane glycoprotein (immunoglobulin superfamily) expressed on B lymphocytes and follicular dendritic cells; it is lost on plasma cells. CD19 is a transmembrane glycoprotein of the Ig superfamily expressed by B cells from the time of heavy chain rearrangement until plasma cell differentiation. CD19 forms a tetrameric complex with CD21, CD81 and Leu13. Together with B cell antigen receptor, this complex signals to decrease b cell threshold for activation by the antigen. CD19 can also signal independently of BCR colligation and it turns out to be a central regulatory component upon which multiple signaling pathways converge.		
Concentration:	1 mg/ml		
UniProt ID:	P15391		
Specificity:	Human CD19		
Host:	Mouse		
Immunogen:	Daudi human Burkitt lymphoma cell line		
Isotype:	IgG1		
Clone:	LT19		
Conjugate:	Biotin		
Formulation:	PBS, 15 mM sodium azide		
Applications:	FC, IP		
Application Notes:	The biotinylated antibody may be used for indirect immunofluorescence analysis by flow cytometry. Suggested working dilution is 1:200. The optimal concentration should be determined by the user for each specific application. Suggested isotype control: Cat # M115 Mouse IgG1 Isotype Control Biotin.		
Storage & Stability:	Store at 2-8°C up to 1 year.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

